

REMARKS

The present response is intended to be fully responsive to all points of objection and/or rejection raised by the Examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Applicants assert that the present invention is new, non-obvious and useful. Prompt consideration and allowance of the claims is respectfully requested.

Status of Claims

Claims 24-26, 29, 31-39 and 42-48 are pending and have been rejected.

Claims 24, 34 and 39 have been amended.

Applicants respectfully assert that the amendments to the claims add no new matter.

The Telephone Interview

Initially, Applicants wish to thank the Examiner Anthony J. Daniels for granting and attending the telephone interview with Applicants' representatives Caleb Polack, Reg. No. 37,912, and his associate Tami Ben Ari on May 17, 2011. During the interview, Claim 24 and the cited references Chen et al. (U.S. Patent Application Publication No. 2005/0075537), Nagaya et al. (U.S. Patent No. 6,741,977) and Foran et al. (U.S. Patent No. 7,027,633) were discussed.

During the interview, agreement was reached that the amendment appearing in the listing of claims above would overcome the prior art rejection of record.

35 U.S.C. § 103 Rejections

In the Office Action, the Examiner rejected claims 24-26, 28, 33-37, 39, 43 and 45-48 under 35 U.S.C. § 103(a), as being unpatentable over Chen et al. (U.S. Patent Application Publication No. 2005/0075537) in view of Nagaya et al. (U.S. Patent No. 6,741,977) and further in view of Foran et al. (U.S. Patent No. 7,027,633). Applicants respectfully traverse this rejection in view of the remarks that follow.

Chen et al. discloses an examination bundle 200 (Fig. 2A) or bundle 220 (Fig. 2B) which is the complete set of all images captured during the examination (paragraph [0029]). The examination bundle 220 is received by a processor 402, which is "preferably connected to a CRT display 404" and transmits the data to an output device 409, which can comprise a hard copy printer or a storage device (paragraph [0053]). However, as indicated by the Examiner on page 3 of the Office action, Chen et al. does not detail how the images are displayed. Therefore Chen does not teach or suggest "across a series of time slots, displaying at least a subset of the selected plurality of subsets of frames from the in-vivo image stream substantially simultaneously in each time slot, wherein the frames of the displayed subset of frames are positioned spatially in order of ascending or descending degree of variation based on the at least one score assigned thereto, wherein in each time slot a different subset of frames is displayed", as recited in amended independent claim 24.

Nagaya et al. discloses a user interface for viewing images, in which a list of representative images are displayed (see Fig. 8, numeral 420 and Fig. 9, numeral 570). When a given one of representative images 573 is clicked, a picture recorded during the relevant event period is reproduced in display field 550 in "an animation fashion" (see column 16, lines 38-55).

Foran et al. discloses a user interface (Fig. 6), which includes a "current image workspace 602" that displays an image (still image) currently under investigation. The user may navigate through an entire image or identify a region of interest within an image. Additionally the user interface includes "matched image workspaces 608" that display images (still images) retrieved from a database upon comparison to the query image (column 17, line 42 to column 18, line 11).

Therefore, Nagaya et al. displays a list of representative images which represent corresponding motion pictures, while Foran et al. displays images from a database upon comparison to the query image. There is no disclosure in either Foran et al. or Nagaya et al. of displaying subsets of selected plurality of frames across a series of time slots, or "displaying at least a subset of the selected plurality of subsets of frames from the in-vivo image stream substantially simultaneously in each time slot, wherein the frames of the displayed subset of frames are positioned spatially in order of ascending or descending

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degree of variation based on the at least one score assigned thereto, wherein in each time slot a different subset of frames is displayed", as recited in amended independent claim 24.

Therefore, none of Chen et al, Nagaya et al. and Foran et al, alone or in combination, teaches or suggests the limitations of amended independent claim 24.

While amended independent claims 34 and 39 include limitations different from claim 24, for the same reasons, none of Chen et al, Nagaya et al. and Foran et al, alone or in combination, teaches or suggests the limitations of claims 34 and 39.

Therefore, amended independent claims 24, 34 and 39 are allowable. Each of claims 25, 26, 28, 33, 35-37, 43 and 45-48 depends from one of claims 24, 34 and 39 and therefore includes all the limitations of that claim. At least for this reason, claims 25, 26, 28, 33, 35-37, 43 and 45-48 are likewise allowable.

Accordingly, Applicants respectfully request that the Examiner withdraw the rejection of claims 24-26, 28, 33-37, 39, 43 and 45-48 under 35 U.S.C. § 103(a).

In the Office Action, the Examiner rejected claims 31 and 42 under 35 U.S.C. § 103(a), as being unpatentable over Chen et al. (U.S. Patent Application Publication No. 2005/0075537) in view of Nagaya et al. (U.S. Patent No. 6,741,977) and further in view of Foran et al. (U.S. Patent No. 7,027,633) and in view of Balabanovic et al. (U.S. Patent No. 6,976,229). Applicants respectfully traverse this rejection in view of the remarks that follow.

Each of claims 31 and 42 depends from one of claims 24 and 39 and therefore includes all the limitations of that claim. Balabanovic et al. discloses a display for pictorial stories and does not cure the deficiencies of Chen et al, Nagaya et al. and Foran et al. discussed above. At least for this reason, claims 31 and 42 are likewise allowable.

Accordingly, Applicants respectfully request that the Examiner withdraw the rejection of claims 31 and 42 under 35 U.S.C. § 103(a).

In the Office Action, the Examiner rejected claim 32 under 35 U.S.C. § 103(a), as being unpatentable over Chen et al. (U.S. Patent Application Publication No. 2005/0075537)

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in view of Nagaya et al. (U.S. Patent No. 6,741,977) and further in view of Foran et al. (U.S. Patent No. 7,027,633) and in view of Shibamura (U.S. Patent No. 5,642,157). Applicants respectfully traverse this rejection in view of the remarks that follow.

Claim 32 depends from claim 24 and therefore includes all the limitations of this claim. Shibamura discloses an endoscope apparatus and diagnosis apparatus and does not cure the deficiencies of Chen et al, Nagaya et al. and Foran et al. discussed above. At least for this reason, claim 32 is likewise allowable.

Accordingly, Applicants respectfully request that the Examiner withdraw the rejection of claim 32 under 35 U.S.C. § 103(a).

In the Office Action, the Examiner rejected claim 38 under 35 U.S.C. § 103(a), as being unpatentable over Chen et al. (U.S. Patent Application Publication No. 2005/0075537) in view of Nagaya et al. (U.S. Patent No. 6,741,977) and further in view of Foran et al. (U.S. Patent No. 7,027,633) and in view of Iddan et al. (U.S. Patent No. 6,764,440). Applicants respectfully traverse this rejection in view of the remarks that follow.

Claim 38 depends from claim 34 and therefore includes all the limitations of this claim. Iddan et al. does not cure the deficiencies of Chen et al, Nagaya et al. and Foran et al. discussed above. At least for this reason, claim 38 is likewise allowable.

Accordingly, Applicants respectfully request that the Examiner withdraw the rejection of claim 38 under 35 U.S.C. § 103(a).

The Examiner rejected claim 44 under 35 U.S.C. § 103(a), as being unpatentable over Chen et al. (U.S. Patent Application Publication No. 2005/0075537) in view of Nagaya et al. (U.S. Patent No. 6,741,977) and further in view of Foran et al. (U.S. Patent No. 7,027,633) and in view of Bille (U.S. Patent Application Publication No. 2005/0110948). Applicants respectfully traverse this rejection in view of the remarks that follow.

Claim 44 depends from claim 39 and therefore includes all the limitations of this claim. Bille discloses high resolution imaging and does not cure the deficiencies of Chen et

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al, Nagaya et al. and Foran et al. discussed above. At least for this reason, claim 44 is likewise allowable.

Accordingly, Applicants respectfully request that the Examiner withdraw the rejection of claim 44 under 35 U.S.C. § 103(a).

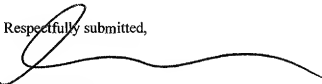
Conclusion

In view of the foregoing amendments and remarks, Applicants assert that the pending claims are allowable. Their favorable reconsideration and allowance is respectfully requested.

Should the Examiner have any question or comment as to the form, content or entry of this Amendment, the Examiner is requested to contact the undersigned at the telephone number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

Please charge any fees associated with this paper to deposit account No. 50-3355.

Respectfully submitted,



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